

# 8<sup>th</sup> International Conference on Emerging Applications of Information Technology (EAIT 2024)

January 11 - 13, 2024

**Computer Society of India, Kolkata Chapter  
with IETE Kolkata Centre as Partner Institution**



**Theme: Machine Learning for Social Transformation**

All accepted papers will be published by Springer Nature book series (Proposed)

\*\*\*\*\* A few selected papers will be uploaded for publication in Scopus/SCI Indexed Journals \*\*\*\*\*

## Chief Patrons

Prof. Manas Kumar Sanyal, VC, KU  
Prof. Jyotsna Kumar Mandal, VC, Raiganj University

## Honorary Chairs

Prof. Rajkumar Buyya, University of Melbourne, Australia

Prof. Michel Gerard Hinchey, University of Limerick, Ireland

## General Chair

Prof. Debashis De, CSIKC, MAKAUT, WB

## Program Chair

Prof. Jyotsna Kumar Mandal, Raiganj University

## Program Co-Chairs

Dr. Madhumita Sengupta, IIIT Kalyani

Dr. Moutushi Singh, IEM

Dr. Khondekar Lutful Hassan, Aliah University

## Conveners

Mr. R N Lahiri, Director, TI& Ex-TCSer

Prof. S. K. Ghosh, IIT-KGP

Prof. Anshuman Sarkar, KGEC, WB

## Organizing Chairs

Dr. Jyoti Sekhar Banerjee, CSIKC, BIT, WB

Dr. Debasis Giri, CSIKC, MAKAUT, WB

## Organizing Co-Chairs

Dr. Somenath Chakraborty, WVUIT, USA

## Organizing Committee Members

Dr. Debasish Chakraborty, ISRO

Dr. Subhabrata Roychaudhuri, CSIKC

Dr. Sudipta Sahana, CSIKC

Mr. Joydeep Ghosh, CSIKC

Mr. Rajat Kanti Chatterjee, CSIKC

Dr. Sankar Karan, CSIKC

Mr. Sumanta Bhattacharya, CSIKC

Mr. Soumya Suvra Khan, CSIKC

Mr. Pallav Dutta, CSIKC

Mr. Sushanta Sinha, CSIKC

## Finance Chair

Mr. Sekhar Sarkar, Treasurer, CSIKC

## Registration Chairs

Dr. Diganta Sengupta, MSIT, WB

## Publicity Chair

Mr. Abhijan Bhattacharyya, TCS, India

Dr. Debadrta Panda, Putra School of Business, Universiti Putra, Malaysia

Dr. Abhishek Das, Aliah University

## Industry Chairs

Dr. Aniruddha Nag, Air India

## Tutorial Chairs

Dr. Samarjit Roy, DYPIU, Pune

Dr. Somnath Mukhopadhyay, Asam Univeristy

## Int. Adv. Committee Chairs

Prof. Rajkumar Buyya, University of Melbourne, Australia

Prof. Celia Shahnaz, BUET, Bangladesh

## Int. Adv. Committee members (Partial)

Prof. Badlishah Ahmad, Universiti Malaysia Perlis, Malaysia

Dr. Alessio Botta, University of Napoli Federico II, Italy

Dr. Miguel Camelo, University of Girona, Spain

Dr. Youcef Brik, USTHB, Algeria

Dr. Chi Cheng, Huazhong University of Science and Technology, China

Dr. Roshan Chhetri, CSTRUB, Bhutan

Dr. Konstantin Glasman, St. Petersburg State University of Film and Television, Russia

Dr. Horst Hellbrück, University of Applied Sciences Lübeck, Germany

The Computer Society of India (CSI) has been instrumental in guiding the Indian IT industry since its formative years. The mission of CSI is to facilitate research, knowledge sharing, learning and career enhancement for all categories of IT professionals, while simultaneously inspiring and nurturing new entrants into the industry and helping them to integrate into the IT community.

Encouraged by the earlier responses and keeping the tradition CSI Kolkata Chapter is organizing the Eight International Conference on Emerging Applications of Information Technology (EAIT 2024) during January 11-13, 2024 at IETE Kolkata. Pre-conference tutorial will be held on January 11, 2024.

## Topics (not limited to the followings):

- Computational Intelligence for Social Transformation
  - Machine learning for Digital Literacy and Assessment
  - Lifelong Machine Learning
  - Every day-life Practices and Skills Survey (e-PASS) for UNESCO Lifelong Learning
- Machine Learning for Healthcare Informatics
  - Intelligent Internet of Healthcare
  - Sustainable and Intelligent Healthcare
  - Emerging technologies in Corporate Healthcare
- Machine learning for Agriculture and Environmental sustainability
  - Intelligent IoT for Agriculture
  - Machine-Deep-Feature learning for Environmental Sustainability
  - Smart Ecosystems

## Pre-conference Tutorial

Topic: Machine Learning for Social Transformation

Date: 11<sup>th</sup> January 2024

## Submission Guideline

The papers must be submitted ONLINE though CMT Link. Please follow standard author instructions of Springer conference for paper format.

## Important Dates

|                                       |                                   |
|---------------------------------------|-----------------------------------|
| Submission deadline                   | : 1 <sup>st</sup> August, 2023    |
| Notification of Acceptance            | : 10 <sup>th</sup> December, 2023 |
| Submission deadline for revised paper | : 7 <sup>th</sup> January, 2024   |
| Registration of authors               | : 20 <sup>th</sup> December, 2023 |

## Paper Submission Link:

<https://cmt3.research.microsoft.com/User/Login?ReturnUrl=%2FEAIT2024>

**Publication:** All accepted papers will be published by Springer Nature book series "Lecture Notes in the Network and Systems".

**Mode of Conference:** Hybrid mode

|                                     |                                  |
|-------------------------------------|----------------------------------|
| <b>Registration Fees:</b> Delegates | : INR 5,800 + 18% GST = INR 6844 |
| CSI Member                          | : INR 5,500 + 18% GST = INR 6490 |
| Foreign National                    | : USD 50                         |
| Tutorial Registration               | : INR 500 + 18% GST = INR 590    |

**Conference Website Link:** <http://csikolkata.org/EAIT2024/>